

5.4.13 TUCHA Paging/Reports

This capability allows the user to review the contents of the TUCHA file, or a specified subset thereof, and optionally format the data as a printable report. Figure A-20 shows a sample of this report.

The typical sequence of events to run a TUCHA report is shown below.

- a. Select TUCHA Report (see Paragraph 5.3.1).
- b. Define TUCHA Data Set (see Paragraph 5.4.13.1).
- c. View TUCHA Data (see Paragraph 5.4.13.2).
- d. Initiate TUCHA Report (see Paragraph 5.4.13.2).
- e. Specify Report Options (see Paragraph 5.3.6).
- f. Optionally view the report online (see Paragraph 5.3.8).

Usage Notes.

- a. PDR does not support saving TUCHA queries between sessions.
- b. The current query is not saved between executions. When the user returns to the TUCHA Select Window after viewing data, the screen is cleared out. The user must define another data set in order to view more data or generate additional reports.
- c. The data columns do not appear on the report in the same order as they appear on the screen. For example, Authorized Personnel (“Auth Pers”) and “PAX” columns appear to the right of the tonnage information on-screen, and to the left of the tonnage information on the report.
- d. The report includes additional and more detailed information than what is displayed on the screen. Tonnage data is broken down into Bulk, Oversize, Outsize and NAT, for example.
- e. Cargo details do not appear on the report.
- f. The typical scenario assumes the user wishes to review the report interactively prior to printing the report. If desired, the user may save the report output to a local file, or have the output sent to the selected printer. (For more information, see Paragraph 5.3.6.)

5.4.13.1 Defining TUCHA Data Set

TUCHA Paging/Reports uses the TUCHA Select window to identify a set of TUCHA records for viewing/reporting. In general, the user selects one or more categories from the Main Menu and provides the values on which to qualify the data. As qualification criteria are built, they are shown in the Choices Made area and the Current Selection Criteria area. A running count of qualifying records is provided as the criteria are developed. When the user is satisfied that the correct data set is identified, clicking on the **{Apply}** button will display a list of those records which qualified.

The TUCHA Select Window, Figure 5.4.13.1-1, consists of four functional areas, as follows:

- a. Main Menu Area
- b. Choices Made Area

- c. Current Selection Criteria Area
- d. Action Buttons Area

The screenshot shows the 'TUCHA Report' window. The title bar includes 'PDR', 'Report Selection', and 'Help'. The 'Main Menu' on the left lists several options, with 'RFA-only data' being disabled. The 'Current Selection Criteria' table on the right is empty, showing columns for 'Property', 'Condition', and 'Value'. At the bottom, there are buttons for 'Cancel', 'Accept', 'Exit/Return', 'Count', 'Clear', and 'Apply'. The 'Records Selected' count is 0.

Figure 5.4.13.1-1. TUCHA Select Window

Main Menu Area. This area occupies most of the leftmost third of the window, and provides key TUCHA data elements which are used to define a TUCHA subset. Also provided via the main menu is the capability to define which database to reference; this applies only to the RFA site, and the selection is greyed out at all other sites.

To create a data set, the user selects one of the data elements in the Main Menu Area. In general, the user enters selection criterion using one of three methods:

- a. Enter text for search criteria. This may be a single element, or a comma-separated list of elements. Standard ORACLE wild-card characters can be used to make the search criteria more flexible. These are “%” when wildcarding over multiple character positions, and “_” to wild card a single character position. For example if the UTC entered is “N%” this will identify all UTCs beginning with the letter “N”. Note that wild-carding is valid only when entering a single value, and cannot be used in a list of values. Note also that the system will accept both lower and upper case characters (or a mixture), as these characters are transformed into upper case before accessing the database.
- b. Click on the desired item(s) in the “Available” area, then click on the **{Add}** button. Click on an item in the “Selected” area, then on the **{Remove}** button to remove an item from the selection criterion.

- c. A combination of methods a and b, above. Enter text in the “Search” field. The search capability will attempt to match the entered text with items in the list, and if found, will narrow the list to the entries that match. For example, entering “ch” in the search box will result in selections containing the characters “CH”, e.g., **chemical**, **research**, **psychological**, **charting**; entering “che” will result only in entries containing “CHE”, e.g. **chemical**. Once the set has been narrowed down sufficiently, click on the desired item(s) in the “Available” area, then click on the **{Add}** button. Click on an item in the “Selected” area, then on the **{Remove}** button to remove an item from the selection criterion.

After a selection criterion has been entered, click on the **{Accept}** button to save it. The visible result of this is that this selection criterion is listed in the Current Selection Criteria area, the number of qualifying records is shown in the Current Selection Criteria area in the box above the “Condition” column, and the TUCHA Select Window displays the Main Menu once more.

The TUCHA data elements available for selection criterion are:

Specific Unit Type Codes (UTCs)...

Use this menu selection when the target UTCs are known, or a suitable data set can be obtained by “wildcarding” over the UTC. The window shown in Figure 5.4.13.1-2, TUCHA Select Window (showing detail for Specific Unit Type Codes (UTCs)...Menu Selection) is displayed when this item is selected.

The screenshot shows the 'TUCHA Report' window with the 'Report Selection' tab active. On the left, there is a text input field labeled 'Enter Text' with instructions: 'Enter item or comma separated list. SQL standard wildcard characters % and _ are acceptable.' Below this is a list box containing 'N%'. On the right, there is a 'Choices Made' section with the text 'Specific Unit Type Codes (UTCs)...'. Below this is a table with columns 'Current Selection Criteria Property', 'Condition', and 'Value'. The table is currently empty. At the bottom, there are buttons for 'Cancel', 'Accept', 'Exit/Return', 'Count', 'Clear', and 'Apply'.

Figure 5.4.13.1-2. TUCHA Select Window
(showing detail for Specific Unit Type Codes (UTCs)...Menu Selection)

Service Codes...

Use this menu selection when defining a set of data for one or more services. The TUCHA Select Window (Service Codes Detail), Figure 5.4.13.1-3, is displayed when this item is selected.

The screenshot shows the 'TUCHA Select Window (Service Codes Detail)'. The window title is 'TUCHA Report'. The menu bar includes 'PDR', 'Report Selection', and 'Help'. The main area is split into two panes. The left pane, titled 'Service Codes Available', contains a list of service codes: A - ARMY, F - AIR FORCE, N - NAVY (highlighted), M - MARINES, P - COAST GUARD, and J - JOINT. Below this list is a 'Search:' field, 'Remove' and 'Add' buttons, and a 'Selected' list showing 'N - NAVY'. The right pane, titled 'Choices Made', shows 'Service Codes...'. Below this is a 'Records Selected' section containing a table with the following structure:

Property	Condition	Value

At the bottom of the window are buttons: 'Cancel', 'Accept', 'Exit/Return', 'Count', 'Clear', and 'Apply'.

Figure 5.4.13.1-3. TUCHA Select Window (Service Codes Detail)

Deployment Indicator...

Use this menu selection when defining a set of data for one or more deployment statuses. Figure 5.4.13.1-4, TUCHA Select Window (showing detail for Deployment Indicator...Menu Selection), is an example of the display that results from selecting this option .

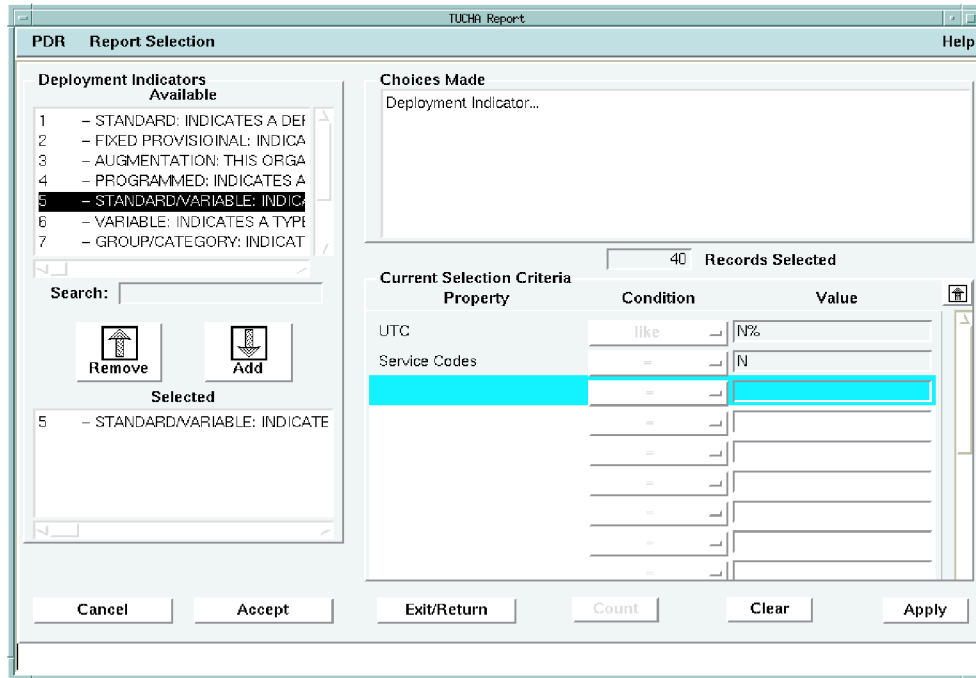


Figure 5.4.13.1-4. TUCHA Select Window
(showing detail for Deployment Indicator...Menu Selection)

Unit Types...

Use this menu selection when defining a set of data for a service/functional category code (first position of UTC) combination. Figure 5.4.13.1-5, TUCHA Select Window (showing detail for Unit Types (Functional Category Codes)...Menu Selection), is an example of the display that results from selecting this item.

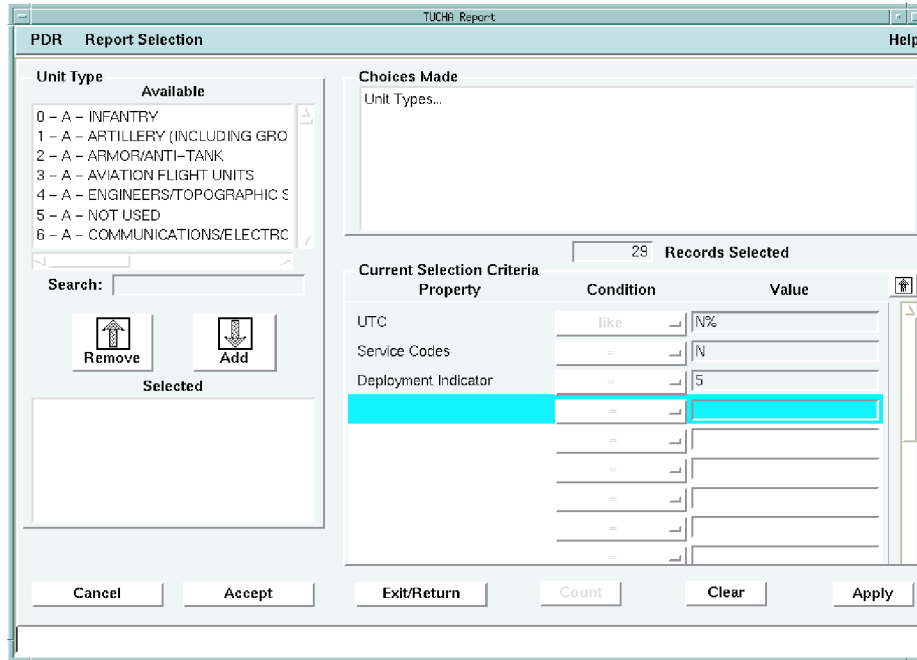


Figure 5.4.13.1-5. TUCHA Select Window
(showing detail for Unit Types (Functional Category Codes)...Menu
Selection)

Unit Movement...

Use this menu selection when defining a set of data for a particular category of unit types. The window shown in Figure 5.4.13.1-6, TUCHA Select Window (Showing Detail for Unit Movement...Menu Selection) is displayed when this item is selected.

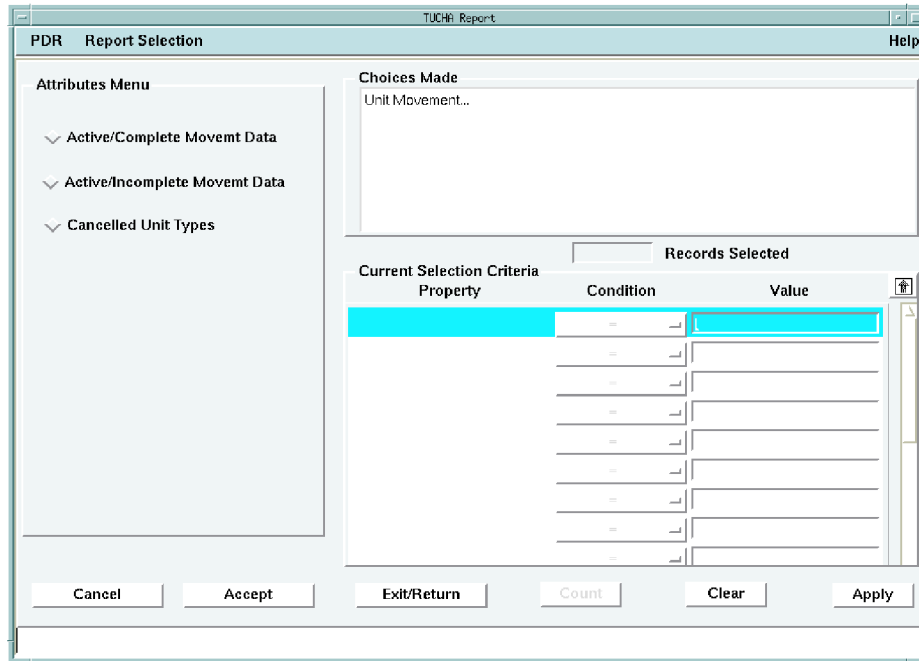


Figure 5.4.13.1-6. TUCHA Select Window
(Showing Detail for Unit Movement...Menu Selection)

Selection is made by clicking on one of the available entries. The available entries are:

- Active/Complete Movement Data;
- Active records (having a record status of “A”), which do not have the incomplete record indicator set, or have an incomplete record indicator of “U” (Army Programmed Units);
- Active/Incomplete Movement Data;
- Active records (having a record status of “A”), whose incomplete record indicator is set to a value other than “U”;
- Canceled Unit Types; and
- Canceled records (those having a record status of “C”).

Choices Made Area.

This is the area at the top right of the TUCHA Select Window. As data element selections are made from the Main Menu, the selections are recorded in the Choices Made Area of the TUCHA Select Window.

Current Selection Criteria Area.

This area is in the middle of the right hand side of the TUCHA Select Window. It records the selection criteria choices made, and includes the values for the data elements, and the condition to process to select the data. This area consists of three columns (Property, Condition, and Value). Twenty lines are available. Each line contains information about one traversal through the menu hierarchy. The three columns are described below.

- a. The Property column describes which database element or data category is being referenced.
- b. The Condition column of buttons shows which condition is active for the selection. The TUCHA module supports only “=” and “like”. These are automatically generated by user selection activity, and cannot be edited in place.
- c. The Value column shows the value(s) to be used in qualifying the data.

Above the headings in the Current Selection Criteria Area is a box which shows the number of records in the data set defined by the current selections. This count is automatically updated as new selection criteria lines are added. This can be seen by reviewing this box on Figures 5.4.13.1-2 through 5.4.13.1-6.

Action Button Area.

The Action Buttons are present along the lower part of the window, below the Main Menu and Current Selection Criteria Areas. The action taken when any of these buttons is clicked is described below.

- a. Click on the **{Cancel}** button to cancel the current activity.
- b. Click on the **{Accept}** button to take values chosen from pick lists or entered manually and put them in the Value column of the current line of the Current Selection Criteria Area.
- c. Click on the **{Exit/Return}** to exit from the PDR application.
- d. Click on the **{Count}** button to display a count of the number of items that meet the current selection criteria. This capability is currently not available.
- e. Click on the **{Clear}** button to clear the active entry in the Current Selection Criteria Area. The active entry can be selected by the user by clicking anywhere on the line.
- f. Click on the **{Apply}** button to trigger the processing of the current selection, and display the resulting records in the Selected TUCHA Summary Data Display Window, Figure 5.4.13.2-1.

5.4.13.2 Viewing TUCHA Data

Selected TUCHA data can be viewed at three Levels of detail: UTC Level, Level 3 cargo detail, and Level 4 cargo detail. Display at the UTC Level is obtained by clicking on the **{Apply}** button on the TUCHA Select Window. The Selected TUCHA Summary Data Display Window, is shown in Figure 5.4.13.2-1. This window presents selected TUCHA information in the upper section of the window. Vertical scrolling is available when the number of selected records exceeds the window capacity.

Display of Selected TUCHA Summary Data												
UTC	ULC	MOVEMENT SPECIFICATN	UNIT TYPE NAME	DEPL SVC	# STAT	CGO CATS	TOTAL STONS	TOTAL MTONS	TOTAL POL	TOTAL PAX	AUTH PERS	
N168U	NSL	ACTIVE/COMP	C32A AIR TRAFFIC CON	N	5	0	0.0	0	0	73	73	
N169U	NSL	ACTIVE/COMP	C32B AIR TRAFFIC CON	N	5	2	57.8	293	0	15	15	
N26CC	TM	ACTIVE/COMP	COM DOC MIL VAN TEAM	N	5	1	8.5	32	0	5	5	
N26CM	TM	ACTIVE/COMP	COMBAT CAMERA MANAGE	N	5	2	2.8	12	0	2	2	
N26DT	DET	ACTIVE/COMP	COM CAM DOCUMENTATIO	N	5	2	20.9	29	0	11	11	
N26ED	TM	ACTIVE/COMP	VIDEO EDIT / DUPLICA	N	5	1	2.4	2	0	5	5	
N26ES	TM	ACTIVE/COMP	COMBAT VI SUPPORT CE	N	5	1	16.6	11	0	4	4	
N26HQ	HQ	ACTIVE/COMP	COM CAM HEADQUARTERS	N	5	2	15.1	24	0	8	8	
N26NT	TM	ACTIVE/COMP	TRANSMISSION SUPPORT	N	5	2	4.2	13	0	3	3	
N26SA	TM	ACTIVE/COMP	STILL DOCUMENTATION	N	5	2	8.0	16	0	2	3	
N26TH	GRP	ACTIVE/COMP	FLEET COMBAT CAMERA	N	5	0	0.0	0	0	50	50	
N26UW	TM	ACTIVE/COMP	UNDERWATER COM CAM T	N	5	0	0.0	0	0	5	5	
N26VA	TM	ACTIVE/COMP	VIDEO DOCUMENTATION	N	5	2	8.0	16	0	3	3	
N504U	NSL	ACTIVE/COMP	H10 AIRFIELD OPERATI	N	5	3	162.8	722	0	14	14	
N514U	NSL	ACTIVE/COMP	H17A PHOTO LAB LARGE	N	5	0	0.0	0	0	9	9	
N515U	NSL	ACTIVE/COMP	H17B PHOTO LAB MED	N	5	0	0.0	0	0	7	7	
N516U	NSL	ACTIVE/COMP	H17F PHOTO LAB MOBIL	N	5	1	15.4	64	0	4	4	
N517U	NSL	ACTIVE/COMP	H17G PHOTO LAB MOBIL	N	5	0	0.0	0	0	3	3	
N518U	NSL	ACTIVE/COMP	H19B AIR INTELL OFFI	N	5	0	0.0	0	0	10	10	
N519U	NSL	ACTIVE/COMP	H19C AIR INTELL OFFI	N	5	0	0.0	0	0	7	7	
NA01U	NSL	ACTIVE/COMP	H14E AVN TANK FARM U	N	5	3	9.4	51	0	13	13	
NA01W	NSL	ACTIVE/COMP	H14E AVIATION TANK F	N	5	8	1355.4	3018	0	13	13	
NA03U	NSL	ACTIVE/COMP	H14J AVIATION FUEL U	N	5	2	8.6	43	0	32	32	
NA03W	NSL	ACTIVE/COMP	H14J AVIATION FUEL F	N	5	7	336.6	1051	0	32	32	
NA05U	NSL	ACTIVE/COMP	H14K FUEL DISP UNIT	N	5	1	0.9	4	0	6	6	

Return
Detail
Number of UTCs Selected 29
Print

Figure 5.4.13.2-1. TUCHA Summary Data Display Window

Three action buttons are available from this window, as described below.

- Click on the **{Return}** button to return to the TUCHA Select window.
- Click on the **{Detail}** button to show Level 3 cargo detail for the selected Level 2 record, as shown in Figure 5.4.13.2-2, Display of TUCHA Level Three Data Window. Alternatively, the Level 3 cargo detail display can be obtained by double clicking on the desired Level 2 record.

- c. Click on the **{Print}** button to generate a printed report of selected TUCHA records. A sample of this report is provided in Appendix A, Figure A-20, TUCHA Summary Report.

UTC	NAO1W	ULC	NSL	UTC NAME	H14E AVIATION TANK F		
AUTH	13	TOTAL	13	SVC N	CCC(RPT) 8 CCC(ACT) 8		
PERS	DET	DET	ML	SQUARE	STONS		
CCC	REQ	ACT	CODE	FEET	MTONS		
					MBBLS		
					POL		
A1D	1		C	190.0	25.0	50.0	0.0
C0D	1		P	2016.0	72.0	260.0	0.0
J1D	1		A	516.0	9.0	52.0	0.0
J2C	1		L	11840.0	1221.0	2516.0	0.0
J2D	1		A	270.0	12.0	34.0	0.0
R2B	1		A	280.0	12.0	69.0	0.0
R2C	1		A	91.0	1.4	16.0	0.0
R2D	1		A	134.0	3.0	21.0	0.0

Return Detail Number of Level Three Records 8 Print

Figure 5.4.13.2-2. TUCHA Level Three Data Window

From the Display of TUCHA Level Three Data Window, the same three action buttons are available.

- a. Click on the **{Return}** button to return to the prior window (Display of TUCHA Data).
- b. Click on the **{Detail}** button to show Level 4 cargo detail for the selected Level 3 record, as shown in Figure 5.4.13.2-3, TUCHA Paging/Reports - Display of TUCHA Level Four Data Window. Alternatively, the Level 4 cargo detail display can be obtained directly by double clicking on the desired Level 3 record.

- c. Click on the **{Print}** button to generate a printed report of selected TUCHA Level 3 cargo detail records. This capability is currently not available.

UTC NA01W		CARGO CATEGORY CODE R2B						
N/R	CARGO DESCRIPTION	LENGTH INCHES	HEIGHT INCHES	WIDTH INCHES	NR OF PIECES	TOTAL SQFT	TOTAL STONS	TOTAL MTONS
1	FUEL SERV TRLR	140	72	72	4	70	12.0	68.8

Return Number of Level Four Records 1 Print

Figure 5.4.13.2-3. TUCHA Level Four Data Window

From the Display of TUCHA Level Four Data Window, two action buttons are available.

- a. Click on the **{Return}** button to return to the prior window (Display of TUCHA Level Three Data).
- b. Click on the **{Print}** button to generate a printed report of selected TUCHA Level 4 cargo detail records. This capability is currently not available.

5.5 Error Handling

PDR writes information to various log files in the user's home directory during all phases of report execution. In general, the contents of these files are of little interest to the JOPES user. Error messages, should they occur, will also be logged to these files. These files are discussed in more detail in Paragraph 5.3.1.

5.6 Related Processing

There is no direct related processing. However, the PDR may be considered as a support system for the RDA.

5.7 Data Backup

There is no requirement for data backups in PDR.

5.8 Recovery Procedures from Error/Malfunctions

PDR has no built-in recovery capability.

6.0 ACRONYMS

The following is a listing of the commonly used acronyms and abbreviations used in this document:

AHQ	Ad Hoc Query
ALD	Available-to-Load-Date
AMC	Air Mobility Command
APORTS	Aerial Ports and Air Operating Bases
Auth Pers	Authorized Personnel
CAS	Crisis Action System
CCB	Configuration Control Board
CIN	Cargo Increment Number
CM	Configuration Management
COA	Course of Action
COTS	Commercial-Off-the-Shelf Systems
CT/ST	Country/State
DID	Data Item Description
DISA	Defense Information Systems Agency
DOD	Department of Defense
ECP	Engineering Change Proposal
ESI	External System Interfaces
FAPES	Force Augmentation Planning and Execution System
FAD	Feasible Arrival Date
FDBM	Functional Data Base Manager
FM	Force Module
FMID	Force Module Identification
GCCS	Global Command and Control System
GCINC	Government Area of Responsibility Code
GEO	Geographic
GEOFILE	Geographic Location Table
GOAL	GCCS On-Line Access Library
GEOLOC	Geographic Location Code
GMC	GCCS Management Center
GPR	GCCS Problem Report
GSORTS	GCCS Status of Resources and Training System
GSPR	Global System Problem Report
ICAO	International Civil Aviation Organization
ID	Identification Number
ILOC	Intermediate Location
IMRAS	Individual Manpower Requirements Availability System
IMS	Information Management System
INST	Installation
IRM	Information Resource Manager
JDS	Joint Deployment System
JEPES	Joint Engineer Planning and Execution System
JFAST	Joint Flow and Analysis System for Transportation
JNAV	JOPES High Level System Navigation
JOPES	Joint Operation Planning and Execution System

JOPESREP	JOPES Reporting Structure
JOPS	Joint Operation Planning System
JPEC	Joint Planning and Execution Community
JSIT	JOPES System Information Trace
LFF	Logistics Factors File
LOGSAFE	Logistics Sustainment Analysis and Feasibility Estimator
LPR	Logistics Planning and Reporting
MB	Megabytes
MBBLS	Thousands (Barrels)
MEPES	Medical Planning and Execution System
MILSTAMP	Military Standard Transportation and Movement Procedures
Motif	Message Oriented Text Interchange Format
MSC	Military Sealift Command
M/T	Measurement Tons
NAT	Non-Air Transportable
NMCC	National Military Command Center
NOC	Network Operation Center
NSDAB	Non-Self Deployable Aircraft and Boats
OPLAN	Operation Plan
OR	ORACLE Reports
PAX	Passengers
PDR	Pre-Defined Reports
PDRSRV	The component of PDR on the server
PIN	Personnel Increment Number
PL	Programming Language
POC	Point of Contact
POD	Port of Debarkation
POE	Port of Embarkation
POL	Petroleum, Oils and Lubricants
PORTS	Port Characteristics
PR	Problem Report
PROVORG	Providing Organization
RDA	Requirements, Development and Analysis
RDBMS	Relational Database Management System
REQIDs	Forces, Cargo, and/or Personnel Requirement Identification Numbers
RFA	Reference File Administration
RLD	Ready to Load Date
SA	System Administrator
SC	Security Code
S&M	Scheduling and Movement
SMDB	S&M Database Segment
SQL	Structured Query Language
S/T	Short Tons
SUM	Software User's Manual
TCC	Transportation Component Command
TFE	Transportation Feasibility Estimator
TLCF	Teleconference
TPFDD	Time-Phased Force and Deployment Data

TUCHA	Type Unit Data File
TUDET	Type Unit Equipment Detail File
UIC	Unit Identification Code
ULN	Unit Line Number
URP	User Review Panel
USTC	United States Transportation Command
UTC	Unit Type Code
WIN	WWMCCS Intercomputer Network
WWMCCS	Worldwide Military Command and Control System
WYSIWYG	What You See Is What You Get